

# Evangelos Nagel

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

2,176  
citations

201674

27  
h-index

233421

45  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ground-based detection of an extended helium atmosphere in the Saturn-mass exoplanet WASP-69b. <i>Science</i> , 2018, 362, 1388-1391.	12.6	174
2	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 612, A49.	5.1	173
3	Detection of He I $\lambda$ 10830 absorption on HD 189733 b with CARMENES high-resolution transmission spectroscopy. <i>Astronomy and Astrophysics</i> , 2018, 620, A97.	5.1	120
4	Atmospheric characterization of the ultra-hot Jupiter MASCARA-2b/KELT-20b. <i>Astronomy and Astrophysics</i> , 2019, 628, A9.	5.1	117
5	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 609, A117.	5.1	103
6	Planetary system around the nearby M dwarf GJ 357 including a transiting, hot, Earth-sized planet optimal for atmospheric characterization. <i>Astronomy and Astrophysics</i> , 2019, 628, A39.	5.1	97
7	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 627, A49.	5.1	95
8	Ionized calcium in the atmospheres of two ultra-hot exoplanets WASP-33b and KELT-9b. <i>Astronomy and Astrophysics</i> , 2019, 632, A69.	5.1	85
9	He I $\lambda$ 10830 absorption in the transmission spectrum of HD209458 b. <i>Astronomy and Astrophysics</i> , 2019, 629, A110.	5.1	81
10	A giant exoplanet orbiting a very-low-mass star challenges planet formation models. <i>Science</i> , 2019, 365, 1441-1445.	12.6	78
11	A He I upper atmosphere around the warm Neptune GJ 3470 b. <i>Astronomy and Astrophysics</i> , 2020, 638, A61.	5.1	65
12	Magnetism, rotation, and nonthermal emission in cool stars. <i>Astronomy and Astrophysics</i> , 2022, 662, A41.	5.1	64
13	Magnetic fields in M dwarfs from the CARMENES survey. <i>Astronomy and Astrophysics</i> , 2019, 626, A86.	5.1	63
14	CARMENES: an overview six months after first light. <i>Proceedings of SPIE</i> , 2016, . .	0.8	59
15	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 627, A161.	5.1	58
16	Multiple water band detections in the CARMENES near-infrared transmission spectrum of HD 189733 b. <i>Astronomy and Astrophysics</i> , 2019, 621, A74.	5.1	57
17	Modelling the He I triplet absorption at 10 830 $\text{\AA}$ in the atmosphere of HD 209458 b. <i>Astronomy and Astrophysics</i> , 2020, 636, A13.	5.1	49
18	Is there Na I in the atmosphere of HD 209458b?. <i>Astronomy and Astrophysics</i> , 2020, 635, A206.	5.1	47

#	ARTICLE	IF	CITATIONS
19	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 609, L5.	5.1	46
20	Water vapor detection in the transmission spectra of HD 209458 b with the CARMENES NIR channel. <i>Astronomy and Astrophysics</i> , 2019, 630, A53.	5.1	45
21	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2021, 656, A162.	5.1	40
22	CARMENES: high-resolution spectra and precise radial velocities in the red and infrared. , 2018, , .		37
23	A tentative detection of He I in the atmosphere of GJ 1214 b. <i>Astronomy and Astrophysics</i> , 2022, 659, A55.	5.1	32
24	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 643, A112.	5.1	31
25	Detection of the hydrogen Balmer lines in the ultra-hot Jupiter WASP-33b. <i>Astronomy and Astrophysics</i> , 2021, 645, A22.	5.1	31
26	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2018, 619, A32.	5.1	29
27	CARMENES detection of the Ca II infrared triplet and possible evidence of He I in the atmosphere of WASP-76b. <i>Astronomy and Astrophysics</i> , 2021, 654, A163.	5.1	29
28	H I and He I absorption in HAT-P-32 b observed with CARMENES. <i>Astronomy and Astrophysics</i> , 2022, 657, A6.	5.1	29
29	Modelling the He I triplet absorption at 10 830 Å in the atmospheres of HD 189733 b and GJ 3470 b. <i>Astronomy and Astrophysics</i> , 2021, 647, A129.	5.1	27
30	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 640, A52.	5.1	23
31	Kepler super-flare stars: what are they?. <i>Astronomy and Astrophysics</i> , 2014, 567, A36.	5.1	21
32	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 642, A22.	5.1	19
33	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 622, A153.	5.1	18
34	A Multiwavelength Look at the GJ 9827 System: No Evidence of Extended Atmospheres in GJ 9827b and d from HST and CARMENES Data. <i>Astronomical Journal</i> , 2021, 161, 136.	4.7	17
35	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 632, A24.	5.1	15
36	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2021, 654, A118.	5.1	14

#	ARTICLE	IF	CITATIONS
37	Discriminating between hazy and clear hot-Jupiter atmospheres with CARMENES. <i>Astronomy and Astrophysics</i> , 2020, 643, A24.	5.1	13
38	Stellar atmospheric parameters of FGK-type stars from high-resolution optical and near-infrared CARMENES spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5470-5507.	4.4	12
39	Detection and characterization of an ultra-dense sub-Neptunian planet orbiting the Sun-like star K2-292. <i>Astronomy and Astrophysics</i> , 2019, 623, A114.	5.1	11
40	Probing the atmosphere of WASP-69 b with low- and high-resolution transmission spectroscopy. <i>Astronomy and Astrophysics</i> , 2021, 656, A142.	5.1	11
41	The widest broadband transmission spectrum ( $0.38\text{--}1.71\ \mu\text{m}$ ) of HD 189733b from ground-based chromatic Rossiter-McLaughlin observations. <i>Astronomy and Astrophysics</i> , 2020, 643, A64.	5.1	10
42	Three planets transiting the evolved star EPIC 249893012: a hot $8.8\text{-}M_{\oplus}$ super-Earth and two warm $14.7$ and $10.2\text{-}M_{\oplus}$ sub-Neptunes. <i>Astronomy and Astrophysics</i> , 2020, 636, A89.	5.1	9
43	A multi-planetary system orbiting the early-M dwarf TOI-1238. <i>Astronomy and Astrophysics</i> , 2022, 658, A138.	5.1	7
44	Spectral characterization and differential rotation study of active CoRoT stars. <i>Astronomy and Astrophysics</i> , 2016, 590, A47.	5.1	5
45	The CARMENES search for exoplanets around M dwarfs. <i>Astronomy and Astrophysics</i> , 2020, 638, A115.	5.1	5
46	Wolf 503 b: Characterization of a Sub-Neptune Orbiting a Metal-poor K Dwarf. <i>Astronomical Journal</i> , 2021, 162, 238.	4.7	5